



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved OMB No. 2070-0060

401 M Street, SW
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date July 7, 2006	EPA Reg. No./File Symbol 279-	Page 1 of 5
Applicant's/Registrant's Name and Address FMC Corporation- 1735 Market Street- Philadelphia, PA 19103 (215) 299-6334		Product Talstar 2% MB Insecticide

Ingredient Bifenthrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158-120	Product Chemistry				
61-1	Identity of ingredients and composition	46431901	FMC Corporation	OWN	
61-2	Description of materials used to produce	46431901	FMC Corporation	OWN	
61-2	Description of production process	46431901	FMC Corporation	OWN	
61-3	Discussion of formation of impurities	46431901	FMC Corporation	OWN	
62-1	Preliminary analysis	N/A			
62-2	Certification of limits	46431901	FMC Corporation	OWN	
62-3	Analytical method of enforcement	46431901	FMC Corporation	OWN	
63-2	Color	N/A			
63-3	Physical State	46431901	FMC Corporation	OWN	
63-4	Odor	N/A			
63-5	Melting point	N/A			
63-6	Boiling point	N/A			
63-7	Bulk density	46431901	FMC Corporation	OWN	
63-8	Solubility	N/A			
63-9	Vapor pressure	N/A			
63-10	Dissociation constant	N/A			

Signature 	Name and Title Christopher Davis Registration Manager	Date July 7, 2006
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Applicant's/Registrant's Name and Address

FMC Corporation- 1735 Market Street- Philadelphia, PA 19103 (215) 299-6334

Product

Talstar 2% MB Insecticide

Ingredient Bifenthrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-11	Octanol Water Partition	N/A			
63-12	PH	N/A			
63-13	Stability	N/A			
63-14	Oxidizing/Reducing potential	46431901	FMC Corporation	OWN	
63-15	Flammability	N/A			
63-16	Explosibility	46431901	FMC Corporation	OWN	
63-17	Storage stability	46431901	FMC Corporation	OWN	
63-18	Viscosity	N/A			
63-19	Miscibility	N/A			
63-20	Corrosion Characteristics	46431901	FMC Corporation	OWN	
63-21	Dielectric voltage breakdown	N/A			
158-135	Toxicology				
81-1	Acute Oral LD50- rat	46431902	FMC Corporation	OWN	
81-2	Acute Dermal LD50- rat	46431902	FMC Corporation	OWN	
81-3	Acute Inhalation LC50- rat	46431902	FMC Corporation	OWN	
81-4	Primary Eye irritation- rabbit	46431902	FMC Corporation	OWN	

Signature

Name and Title Christopher Davis
Registration ManagerDate
July 7, 2006




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Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5	Primary Skin irritation- rabbit	46431902	FMC Corporation	OWN	
81-6	Skin Sensitization- guinea pig	46431902	FMC Corporation	OWN	
870.3100	90-day oral toxicity- rat	00141199	FMC Corporation	OWN	
870.3150	90-day oral toxicity- dog	00141200	FMC Corporation	OWN	
870.3700	Developmental toxicity (gavage)- rat	00154482	FMC Corporation	OWN	
870.3700	Developmental toxicity (gavage)- rat	00141210	FMC Corporation	OWN	
870.3700	Developmental toxicity (dietary)- rat	45322301	FMC Corporation	OWN	
870.3700	Developmental toxicity- rabbit	00145997	FMC Corporation	OWN	
870.3800	Multigeneration reproductive toxicity- rat	00157225	FMC Corporation	OWN	
870.4100	Chronic toxicity- dog	00163065	FMC Corporation	OWN	
870.4300	Chronic toxicity/Carcinogenicity- rat	00157226	FMC Corporation	OWN	
870.4200	Carcinogenicity- mouse	00157227	FMC Corporation	OWN	
870.6200a	Acute neurotoxicity- rat	44862102	FMC Corporation	OWN	
870.6200b	Subacute neurotoxicity- rat	44862103	FMC Corporation	OWN	
870.3200	Dermal toxicity- rabbit	00141198	FMC Corporation	OWN	
870.3200	Dermal toxicity- rat	45280501	FMC Corporation	OWN	
Signature 			Name and Title Christopher Davis Registration Manager		Date July 7, 2006



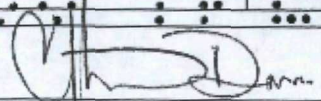
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Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.7485	Metabolism- rat	00163067	FMC Corporation	OWN	
870.7485	Metabolism- rat	40415102	FMC Corporation	OWN	
870.7485	Metabolism- rat	00163069	FMC Corporation	OWN	
870.7485	Metabolism- rat	00163070	FMC Corporation	OWN	
870.7485	Metabolism- rat	00163071	FMC Corporation	OWN	
870.7485	Metabolism- rat	00163066	FMC Corporation	OWN	
870.7485	Metabolism- rat	40415100	FMC Corporation	OWN	
870.7485	Metabolism- rat	00163068	FMC Corporation	OWN	
870.7600	Dermal penetration- rat	41917503	FMC Corporation	OWN	
870.7600	Dermal penetration- rat	41917502	FMC Corporation	OWN	
870.7600	Dermal penetration- rat	00163072	FMC Corporation	OWN	
870.7600	Dermal penetration- rat	41284202	FMC Corporation	OWN	
158-640	Product Performance Data- 2% MB				
810.3500/ 810.3600	Efficacy of Films Containing 0.1% Bifenthrin	New submission	FMC Corporation	OWN	
158-640	Product Performance Data- Other				
Signature 			Name and Title Christopher Davis Registration Manager		Date July 7, 2006



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63-4	Odor	N/A			
63-5	Melting point	N/A			
63-6	Boiling point	N/A			
63-7	Bulk density	46431901	FMC Corporation	OWN	
63-8	Solubility	N/A			
63-9	Vapor pressure	N/A			
63-10	Dissociation constant	N/A			

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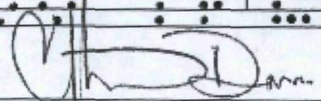
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Ingredient Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	bifenthrin formulations				
95-3	Six month residual claims	44021901	FMC Corporation	OWN	
	Public health pests	44137401	FMC Corporation	OWN	
	Public health pests	44137402	FMC Corporation	OWN	
810.3300	Efficacy of bifenthrin mound treatments for IFA control	44638801	FMC Corporation	OWN	
810.3300	Efficacy of bifenthrin liquid applications	44891901	FMC Corporation	OWN	
810.3500	Efficacy of broadcast applications of bifenthrin	44891902	FMC Corporation	OWN	
810.3400	Residual efficacy of bifenthrin liquid applications	44891903	FMC Corporation	OWN	
810.3300	Evaluation of bifenthrin and a Malathion spray	44891904	FMC Corporation	OWN	
810.3300	Efficacy of direct spray applications of bifenthrin liquid	44891905	FMC Corporation	OWN	
810.3500	Efficacy of direct spray applications of bifenthrin liquid	44891906	FMC Corporation	OWN	
810.3300	Efficacy of direct spray applications of bifenthrin liquid	44891907	FMC Corporation	OWN	
810.3300	Efficacy of direct spray applications of bifenthrin liquid	44891908	FMC Corporation	OWN	

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810.3300	Evaluation of bifenthrin and a Malathion spray	44891904	FMC Corporation	OWN	
810.3300	Efficacy of direct spray applications of bifenthrin liquid	44891905	FMC Corporation	OWN	
810.3500	Efficacy of direct spray applications of bifenthrin liquid	44891906	FMC Corporation	OWN	
810.3300	Efficacy of direct spray applications of bifenthrin liquid	44891907	FMC Corporation	OWN	
810.3300	Efficacy of direct spray applications of bifenthrin liquid	44891908	FMC Corporation	OWN	

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